

The demand must be filed directly with the competent International Preliminary Examining Authority, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ US

# PCT

## CHAPTER II

### DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA		Date of receipt of DEMAND
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>		Applicant's or agent's file reference 15280-1481PC
International application No. PCT/US03/01622	International filing date (day/month/year) 17 January 2003 (17.01.03)	(Earliest) Priority date (day/month/year) 18 January 2002 (18.01.02)
Title of invention ALTERATION OR RAB38 FUNCTION TO MODULATE MAMMALIAN PIGMENTATION		
<b>Box No. II APPLICANT(S)</b>		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  THE GOVERNMENT OF THE USA AS REPRESENTED BY THE SECRETARY OF THE DEPT. OF HEALTH AND HUMAN SERVICES OTT-NIH 6011 Executive Boulevard, Room 325 Rockville, Maryland 20852 United States of America		Telephone No.: 301.496.7056  Facsimile No.: 301.402.0220  Teleprinter No.:  Applicant's registration No. with the Office
State (that is, country) of nationality: US	State (that is, country) of residence: US	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  PAVAN, William, J. 7724 Warbler Lane Derwood, Maryland 20855 United States of America		
State (that is, country) of nationality: US	State (that is, country) of residence: US	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  LOFTUS, Stacie, K. 10829 Monticello Drive Great Falls, Virginia 22066 United States of America		
State (that is, country) of nationality: US	State (that is, country) of residence: US	
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.		

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The following person is ☒ agent ☐ common representative  
 and ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.  
☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.  
☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

Name and address: *(Family name followed by given name; for a legal entity, full official designation.  
 The address must include postal code and name of country.)*

KELLY, Beth, L.  
 TOWNSEND AND TOWNSEND AND CREW LLP  
 Two Embarcadero Center, 8th Floor  
 San Francisco, California 94111-3834  
 United States of America

Telephone No.:

415.576.0200

Facsimile No.:

415.576.0300

Teleprinter No.:

Agent's registration No. with the Office

☐ **Address for correspondence:** Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filed

the description ☐ as originally filed  
☒ as amended under Article 34

the claims ☒ as originally filed  
☐ as amended under Article 19 (together with any accompanying statement)  
☐ as amended under Article 34

the drawings ☒ as originally filed  
☐ as amended under Article 34

2. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.

3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). *(This check-box may be marked only where the time limit under Article 19 has not yet expired.)*

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: ENGLISH

- ☒ which is the language in which the international application was filed.  
☐ which is the language of a translation furnished for the purposes of international search.  
☐ which is the language of publication of the international application.  
☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.

**Box No. V ELECTION OF STATES**

The applicant hereby elects all eligible States *(that is, all States which have been designated and which are bound by Chapter II of the PCT)*

excluding the following States which the applicant wishes not to elect:

**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |  |   |   |        |
|--|---|---|--------|
| 1. translation of international application                              | : |   | sheets |
| 2. amendments under Article 34   | : | 6 | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | : |   | sheets |
| 4. copy (or, where required, translation) of statement under Article 19  | : |   | sheets |
| 5. letter  | : | 1 | sheet  |
| 6. other ( <i>specify</i> )  | : |   | sheets |

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received      not received

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

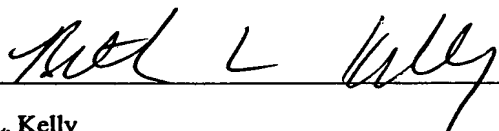
The demand is also accompanied by the item (s) marked below:

- |  |   |
|--|---|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 5. <input type="checkbox"/> statement explaining lack of signature  |
| 2. <input type="checkbox"/> original separate signed power of attorney                   | 6. <input checked="" type="checkbox"/> sequence listing in computer readable form   |
| 3. <input type="checkbox"/> original general power of attorney;                          | 7. <input type="checkbox"/> tables in computer readable form related to sequence listings   |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input checked="" type="checkbox"/> other ( <i>specify</i> ) Transmittal Letter; Article 34 Amendment with 6 substitute pages; Statement; eight (8) pages of Sequence Listing; Diskette; and Postcard. |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

X



Beth L. Kelly  
TOWNSEND AND TOWNSEND AND CREW LLP  
USPTO Reg. No. 51,868  
Applicants' Agent

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- |  |   |
|--|---|
| 1. Date of actual receipt of DEMAND:   |   |
| 2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):   |   |
| 3. <input type="checkbox"/> The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.                        | <input type="checkbox"/> The applicant has been informed accordingly. |
| 4. <input type="checkbox"/> The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.                               |   |
| 5. <input type="checkbox"/> Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82. |   |

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Demand received from IPEA on:

## PCT

## FEE CALCULATION SHEET

## Annex to the Demand

For International Preliminary Examining Authority use only

International application No. <b>PCT/US03/01622</b>		
Applicant's or agent's file reference <b>15280-1481PC</b>	Date stamp of the IPEA	
Applicant <b>THE GOVERNMENT OF THE USA AS          REPRESENTED BY THE SECRETARY OF THE          DEPT. OF HEALTH AND HUMAN SERVICES <i>et al.</i></b>		
<b>CALCULATION OF PRESCRIBED FEES</b>		
1. Preliminary examination fee .....	490.00	<div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">P</div>
2. Handling fee ( <i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i> ) .....	172.00	<div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">H</div>
3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box .....	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;">         662.00       </div> <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <b>TOTAL</b> </div>	
<b>MODE OF PAYMENT</b>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)           </div> <div style="width: 45%;"> <input type="checkbox"/> cash           </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> cheque           </div> <div style="width: 45%;"> <input type="checkbox"/> revenue stamps           </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> postal money order           </div> <div style="width: 45%;"> <input type="checkbox"/> coupons           </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> bank draft           </div> <div style="width: 45%;"> <input type="checkbox"/> other (<i>specify</i>):           </div> </div>		
<b>AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT</b> <i>(This mode of payment may not be available at all IPEAs)</i>		
The IPEA/ <u>US</u> is hereby authorized to charge the total fees indicated above to my deposit account.		
<input checked="" type="checkbox"/> ( <i>this check-box may be marked only if the conditions for deposit accounts of the IPEA so permit</i> ) is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.		
20-1430 Deposit Account Number	August 12, 2003 Date (day/month/year)	<div style="text-align: center;">           Signature <b>Beth L. Kelly</b> </div>